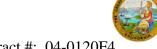
## **DEPARTMENT OF TRANSPORTATION**

**DIVISION OF ENGINEERING SERVICES** 

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: <u>SF/ALA</u> Rte: <u>80</u> PM: <u>13.2/13.9</u>

File #: 6<u>9.yy</u>

## **DAILY PROJECT JOURNAL**

Prime Contractor: American Bridge/Fluor Enterprises, a JV Report No: DPJ-000276 **Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island Dated: 12-Sep-2007

**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): CWR's: 1 / 2			<b>HSR's:</b> 0/2	<b>NCR's:</b> 0/2
Item	Title	Detail		
1	Critical Weld Repairs (CWRs)	CWR-001 rev 1 (crack in Skin Plate D butt joint) - revise and re-submit.		
2	Major component movement	nt QA observed welding on the 77m Tower M		Лоск-up:
		Continue r	Continue repairs of Skin Plates A and E.	
		QA observ	observed welding on the 114m Tower Mock-up:	
		Perform M	Perform MT of Skin Plate butt welds,	
		Continue welding of Skin Plate Stiffeners		
		Repair of S	Skin Plate D CWR for butt joint	crack.
3	Meetings attended	QA met w	QA met with ABF and ZPMC at 1400 to discuss the schedule for the ne	
		two days:		
		Begin weld	Begin welder qualification tests in the 4G position and non-standard joint	
		welder qua	alifications.	
		77m Towe	r Mock-up:	
		Continue r	epair Skin A and E Stiffeners,	
		Weld liftin	g eyes for general assembly.	
		Diaphragm	ns are waiting for flanges.	
		89m Towe	r Mock-up:	
		Perform U	T of Diaphragms SA13 and P12	6.
		114m Tow	er Mock-up:	
		Continue r	nachining, fitting and welding o	f Skin Plate butt joints and
		stiffeners,		
		UT schedu	led for Upper and Lower Skin P	Plate B Stiffeners,
		Weld temp	Weld temporary diaphragm butt welds,	
		Drill Splice	Drill Splice Plates.	
4	Key conversations	Caltrans m	Caltrans met with ABF and ZPMC at 1330 to discuss issues related to	
		fabrication	:	
		ZPMC ask	ed about non-recordable vs. reco	ordable weld repairs. Caltrans
		stated that	any repair which required excav	vation of the weld should be
		recorded, b	out that repairs like overlap and	undercut did not need to be
		recorded.		

## DAILY PROJECT JOURNAL (Continued Page 2 of 2) ZPMC asked how well gouged grooves need to be ground. ABF explained the requirements for cleaning to "bright metal". ZPMC asked about notification of shipping of Check Samples. Caltrans responded that ZPMC should notify Caltrans when the samples are shipped and Caltrans will notify ABF with results of the samples. 5 Other important observations QA David McClary and Roscoe Dixon visited the testing facilities for Shanghai Institute of Iron and Steel Technology which will be acting as the primary test facility for the check samples. The purpose of the trip was to coordinate scheduling and contact information. While at the facilities, the first 12 check samples from ZPMC arrived. Machining of the samples is currently scheduled for Thursday, September 13, 2007, and mechanical testing to begin on Friday, September 14, 2007. 6 Quality Assurance Inspectors per shift 4 Day Shift (Acuna, Brannon, Franco on Island, Dixon at testing Lab.) 2 Swing Shift (Smith, Viars) 1 Graveyard Shift (Hasler)

**Inspected By:** 

**Reviewed By:** 

McClary, David

Lowry, Patrick

Quality Assurance Inspector

**QA** Reviewer